GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:3169
ANSWERED ON:21.03.2007
NEW SATELLITES BY ISRO
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Will the Minister of SPACE be pleased to state:

(a) the details of the satellites launched on January 10, 2007 and the functions assigned to each of them;

(b) the details in respect of data/pictures transmitted by them so far; and

(c) the details of the field where the data are likely to be utilised?

Answer

MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) Polar Satellite Launch Vehicle (PSLV-C7) launched on 10th January, 2007, carried 4 satellites viz., (i) CARTOSAT-2 for Cartography (ii) Space capsule Recovery Experiment (SRE) to demonstrate our capability to recover an orbiting capsule safely back on earth and also for conducting long duration micro gravity experiments (iii) LAPAN- TUBSAT − a 55 Kg Video Surveillance Satellite belonging to Indonesia and (iv) Nano Satellite, PEHUENSAT-1 of Argentina meant for carrying out amateur radio experiments.

(b) & (c) India`s CARTOSAT-2, carrying a Panchromatic camera (PAN) with a resolution of better than 1m and a swath of 9.6 km has given satisfactory images over India and other parts of the Globe. CARTOSAT-2 data will be useful for detailed large scale mapping applications and will be utilized for various urban and rural infrastructure development purposes as well as for Land Information System (LIS) and Geographical Information System (GIS).

India`s Space capsule Recovery Experiment (SRE-1), a 550 kg capsule, demonstrated the technology for performing experiments in microgravity conditions and bringing them back. SRE-1 also provided valuable data during the re-entry and recovery operations.

LAPAN-TUBSAT of Indonesia is an Earth observation satellite and a technology demonstrator for experimental message store and forward system. PEHUENSAT-1 is an Argentinean nanosatellite for amateur radio experiment between colleges and universities of Argentina.